Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] 1. A mobile terminal for use in a wireless communication system, comprising:

a housing having an inner major surface and an opposed outer major surface and enclosing electronic components operable to transmit and receive telecommunication signals, the inner major surface of the housing including means for providing user input to the mobile terminal;

a display having an inner major surface and an opposed outer major surface and electrically connected to the electronic components in the housing, the display movably mounted to the housing for movement from a first position where the inner major surface of the display is opposite the inner major surface of the housing for at least partially concealing the user input means of the housing and a second position such that the user input means of the housing is exposed and accessible to the user; and

a flip cover having an inner major surface and an opposed outer major surface and electrically connected to the electronic components in the housing, the inner major surface of the flip cover including means for provid-

ing user input to the mobile terminal, the flip cover pivotally mounted to the housing and movable between a closed position where the inner major surface of the flip cover is opposite the outer major surface of the display when the display is in the first position and an open position, the flip cover being sized to substantially conceal the outer major surface of the display and the inner major surface of the housing when in the closed position.

[c2] 2. A mobile terminal for use in a wireless communication system as recited in claim 1, wherein the display is mounted to the housing for pivoting movement on the same axis as the pivoting movement between the housing and flip cover, wherein in the second position of the display the outer major surface of the display is opposite the inner major surface of the flip cover for at least partially concealing the user input means of the flip cover.

[c3] 3. A mobile terminal for use in a wireless communication system as recited in claim 1, further comprising a hinge connecting the housing, the flip cover, and the display, the hinge providing the axis of movement of the housing, the flip cover and the display.

[c4] 4. A mobile terminal for use in a wireless communication system as recited in claim 2, further comprising means for rotating the display interposed between the display

and the pivotal mounting, the rotating means allowing the display to rotate in a direction perpendicular to the axis of the pivotal mounting for positioning one of the inner major surface or the outer major surface of the display against the inner major surface of the housing or the flip cover.

[c5] 5. A mobile terminal for use in a wireless communication system as recited in claim 4, further comprising a hinge connecting the housing, the flip cover, and the display, the hinge providing the axis of movement of the housing, the flip cover and the display, and wherein the display rotating means is a movable support attached to the hinge and to an edge of the display.

[c6] 6. A mobile terminal for use in a wireless communication system as recited in claim 1, further comprising a rotational joint mounted between the housing and the display for allowing the display to rotate in a plane about an axis perpendicular longitudinal axis of the housing.

[c7] 7. A mobile terminal for use in a wireless communication system as recited in claim 6, wherein the display is mounted to the housing at a position along the longitudinal axis of the housing.

[c8] 8. A mobile terminal for use in a wireless communication

system as recited in claim 6, wherein the display is mounted to the housing at a position spaced from the longitudinal axis of the housing.

[c9] 9. A mobile terminal for use in a wireless communication system as recited in claim 6, wherein the rotational joint allows the display to rotate by at least about 90 degrees.

[c10] 10. A mobile terminal for use in a wireless communication system as recited in claim 1, wherein the user input means of the housing and the flip cover comprises a keypad apparatus disposed within the housing and the flip cover, the keypad apparatus also electrically connected to the electronic components in the housing so that tactile input can be received.